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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/005,302	11/08/2001	Vinodha Ramasamy	10012818-1	7897

7590 11/12/2004  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

MITCHELL, JASON D

ART UNIT PAPER NUMBER

2124

DATE MAILED: 11/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/005,302

Applicant(s)

RAMASAMY ET AL.

Examiner

Jason Mitchell

Art Unit

2124

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 08 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 November 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

This action is in response to an application filed on 11/08/2001.

Claims 1-12 are pending in this case.

#### ***Drawings***

The drawings are objected to because Fig. 5 reference number 106' is referred to in the specification as 358. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

#### ***Specification***

The disclosure is objected to because of the following informalities: on pg. 6 lines 15 and 18 reference is made to instruction 106 in Fig. 3, but instruction 106 is not included

in Fig. 3, it is assumed for the purposes of this examination that instruction 106' was the intended reference. Additionally on pg. 7 lines 32, trampoline code segment 354 is referenced, but 354 indicates a predicated branch instruction. It is assumed for the purposes of this examination that the 356 was the intended reference.

Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

**1. Claims 1-12 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.**

The ordering of inserted bundles differs from that disclosed in the specification. It is believed that errors in the naming and/or referencing of the bundles are present.

**Regarding Claims 1 and 8:** On lines 10 and 9 respectively, 'inserting the third bundle after the second bundle' is claimed. The specification describes the third bundle as being inserted after the first bundle, but does not disclose how the ordering claimed could achieve the desired result, thereby failing to enable one of ordinary skill in the art to build the invention claimed. Appropriate correction is required.

**Regarding Claims 2-7:** Claims 2-7 depend from claim 1 and are objected to for the same reasons.

**Regarding Claims 9 and 12:** On lines 8-9 and 9-10 respectively, 'the second bundle having an unpredicted branch ... that references the second bundle' is claimed. Further in lines 11-12 in each claim, 'changing the target address of the call-branch instruction to reference the first bundle' is claimed. The specification discloses a significantly different ordering and fails to disclose how the intended result can be achieved with the claimed limitations, thereby failing to enable one of ordinary skill in the art to build the invention claimed. Appropriate correction is required.

**Regarding Claims 10-11:** Claims 10 and 11 depend from claim 9 and are objected to for the same reason.

**Claims 6-7 and 9-12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.**

**Claim 6** recites the limitation "the relocation address space" in lines 4-5. There is insufficient antecedent basis for this limitation in the claim.

**Claim 7** depends from claim 6 and is rejected for the same reasons.

**Claim 9** recites the limitations "the predicated branch instruction" in line 8, "the call-branch instruction" in line 11, and "the second instruction" in line 14. There is insufficient antecedent basis for these limitations in the claim.

**Claims 10 and 11** depend from claim 9 and are rejected for the same reason.

**Claim 12** recites the limitations "the predicated branch instruction" in line 8, "the call-branch instruction" in line 11, and "the second instruction" in line 14. There is insufficient antecedent basis for these limitations in the claim.

Additionally, there are several, less egregious instances which lack antecedent basis, for example, "the branch-call instruction" instead of "the predicated branch-call instruction" in line 4 of claim 1, or the dual recitation of "the predicate" instead of first and second predicates in lines 8 and 9 of claim 1. Applicant is advised to look closely at the claims and to correct any such informalities.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason Mitchell whose telephone number is (571) 272-3728. The examiner can normally be reached on 7:30am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571) 272-3719. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2124

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jason Mitchell  
09/27/04

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